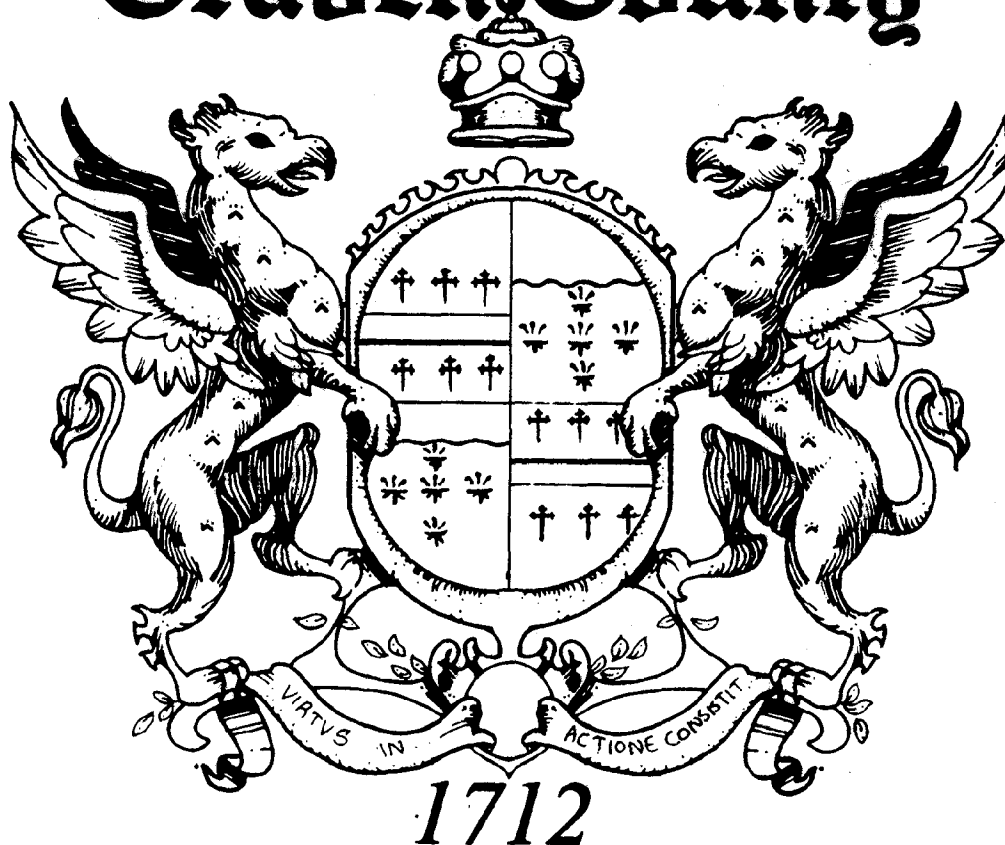


Craven County



Hurricane Evacuation Plan

The preparation of this document was financed in part through a grant provided by the North Carolina Coastal Management Program, through funds provided by the Coastal Zone Management Act of 1972, as amended, which is administered by the Office of Coastal Zone Management, National Oceanic and Atmospheric Administration.

CRAVEN COUNTY
HURRICANE EVACUATION PLAN

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CRAVEN COUNTY

HURRICANE EVACUATION PLAN

I. AUTHORITIES

- A. North Carolina General Statutes, Chapter 166
- B. Emergency Management Ordinance for Craven County

II. REFERENCES

- A. North Carolina Disaster Relief and Assistance Plan (NCDR&AP)
- B. Craven County American National Red Cross Agreement, Craven County Chapter

III. PURPOSE AND SCOPE

A. Purpose:

This plan has been developed to provide for an orderly and coordinated evacuation to minimize the effects of hurricanes on residents and visitors in Craven County. The plan provides for alerting of selected officials, the evacuation of the public from danger areas and designation of shelters for evacuees. It also provides for re-entry into evacuated areas when the threat to persons is ended.

B. Scope:

The Craven County Hurricane Evacuation Plan is limited in that it is a single purpose contingency plan and, as such, cannot exist by itself. This plan must be based upon and is a part of an all encompassing local natural disaster plan which specifies functional emergency responsibilities. This plan is a part of the Craven County Disaster Relief and Assistance Plan.

IV. ORGANIZATION

- A. Hurricane evacuation involves areas under both County and Municipal jurisdiction.
- B. Control Group:
 - 1. Mission - The Director of Emergency Services will exercise overall direction and control of hurricane evacuation operations including decisions to institute county wide increase readiness conditions and such other actions deemed necessary due to the situation.
 - 2. The Director of Emergency Services will notify the Control Group members (See Attachment 1) and the Support Group as to the hurricane conditions and actions that have been or that will be taken as the need arises. Immediately upon a change in the hurricane condition, each member of the Control Group will be notified that the EOC has been activated.
 - 3. Line of Succession - In the event that any of the members of the Control Group are not available, each primary member will be succeeded by alternates who will have the responsibility and authority of the primary member. (See Attachment 1)
- C. Support Group
 - 1. Mission - To provide personnel and material resources for the implementation of preplanned actions and actions as directed; to provide direction to personnel engaged in operations; and to provide information, data and recommendations to the Director of Emergency Services.
 - 2. Composition
 - a. County Finance Director
 - b. Sheriff
 - c. City Manager(s) (New Bern & Havelock)
 - d. Director of Social Services
 - e. Superintendant of Schools (County)
 - f. Director(s) of Public Works (New Bern & Havelock)
 - g. County Tax Supervisor
 - h. President, County Firemen's Association

- i. President, County Rescue Squad Association
 - j. State Highway Patrol (District)
 - k. Red Cross Disaster Chairman
 - l. Military Liaison Officer
 - m. Supervisor, County Department of Transportation
3. Line of Succession
- See Attachment # 1

- D. The Director of Emergency Services and Assistant Director of Emergency Services will be located in the Emergency Operating Center (EOC) to facilitate coordination. In the event it becomes necessary to move to an alternate EOC location, the new location will be announced. The Control Group and Support Group will be located in the EOC for coordination.

V. CONCEPT OF OPERATIONS

The concept for hurricane evacuation in Craven County calls for:

- A. Early alerting of officials and concerned agencies in the entire county.
- B. Overall direction and decision making by the Director with the advice and authority of the Control Group.
- C. Increased readiness actions taken progressively as the hurricane approaches and as the threat of injury and damage increases.
See Attachment # 3
- D. Evacuation of residents in mobile homes and residents and visitors in threatened low lying areas upon decision of the Director.
- E. Movement of evacuees to designated and operating public shelters, or out of Craven County and the threatened area. See Attachment # 2
- F. Mass care for evacuees in predesignated shelters in accordance with agreements. (feeding, dry clothes, medical care, etc.)
- G. Re-entry to evacuated areas when authorized by the Control Group.
- H. As soon as feasible, a damage assessment report will be compiled for the County and submitted to State Authorities.
- I. Local Governments request State and/or Federal assistance, as necessary, before or after a hurricane. (See NCDR&AP, Annexes D,E,F,& G)

VI. WARNING AND ALERT SYSTEM

The system for dissemination of hurricane watches and warnings and for notification of departmetns and populace that the evacuation plan will be executed, is shown as a flow chart. (See Attachment # 3)

VII. INCREASED READINESS ACTION CHECKLIST

(See Attachment 4-Checklist, and Attachmant 3-Condition/Action Flow Chart)

A. The following increased readiness conditions are established:

Condition 5 - Hurricane Season (June 1 - November 30)

Condition 4 - Alert - Hurricane Advisory

Condition 3 - Hurricane Watch or approximately 48 hours
to forecasted landfall.

Condition 2 - Hurricane Warning or approximately 24 hours
to forecasted landfall

Condition 1 - 12 hours or less to forecased landfall

Condition 0 - Landfall

Re-entry - Threat removed or damage assessment allows

B. The director will declare the condition. The Support Group will implement actions for each condition when announced.

(Note: In the eventuality of a pre-season hurricane, it may be necessary to first institute a condition of readiness other than Condition 5. Under peculiar circumstances, it may be necessary to skip a condition and go directly into a more advanced condition. This means that all of the actions required in the preceding conditions and those required in the declared condition must be completed in the available time.)

VIII. EVACUATION AREAS, ROUTES, AND SHELTER LOCATIONS

(See Attachment # 5)

A. General

1. Evacuation routes and designated shelters are as indicated on Attachment # 5.

2. Residents will be advised of what structures should be evacuated which will be recommended through the T.V./Radio Stations. Areas that will be evacuated will be announced by the Support Control Group.

B. Shelter

1. For the purposes of this plan, a shelter is defined as a predesignated structure of sufficient strength to withstand high winds, which is located in an area not subject to flooding or storm surge and which will safeguard a certain number of evacuees. (See Attachment #2 for shelters)
2. A limited number of cots and blankets will be supplied by the Red Crosss/EMS for the aged and sick.
3. Evacuees will be responsible for bringing blankets, food for small infants, and any special type of food that has been prescribed by a physician and only prescription drugs.
4. No animals will be allowed in the shelters excpt seeing eye dogs.
5. The County is responsible for providing shelter for all County residents and visitors.
6. The decision for the shelters to be opened will be made by the Director of Emergency Services.

IX. RE-ENTRY

- A. Upon cancellation of all hurricane warnings and watches which include Craven County and when no damage has been experienced, the Director of Emergency Services will authorize re-entry to all evacuated areas upon the recommendations of the Support Group.

B. Damage Assessment

1. Areas of concern for damage assessment teams and damage assessment officer
 - a. Conditions of roads
 - (1) Washouts
 - (2) Large amounts of sand on roads
 - b. Water systems
 - (1) Ruptured pipes
 - (2) Cross-contamination with sewer system

- c. Buildings
 - (1) Does extent of damage create a physical hazard
 - (2) Ascertain location of owner (permanent or tourist resident)
- d. Sewer systems
 - (1) Ruptured pipes
 - (2) Septic tanks overflowing
- e. Power lines
 - (1) Down
 - (2) Areas where system still in tact
- 2. Resources to respond to above conditions
 - a. Local
 - (1) County and Municipal public works
 - (2) County public health
 - (3) Building inspectors
 - (4) Craven County Emergency Ordinance
 - (5) Power companies
 - b. State
 - (1) Department of Human Resources
 - (2) Natural Resources and Community Development
 - (3) CAMA
 - (4) See Annex H to Craven County DRAP

X. RESPONSIBILITIES

A. Local

- 1. Director - Overall direction as constituted in Paragraph IV - B - 1
- 2. Support Group - As shown in responsibility blocks on the Increased Readiness Action Checklist (See Attachment 4)
- 3. Director Emergency Services
 - a. Serves as Officer in Charge
 - b. Coordinates actions of the Support Group and operations involving local non-government organizations and operations of forces from outside the County.
 - c. Operates the County EOC

- d. Furnishes situation reports through the Area Office to the State EOC
- e. Develops and conducts exercises to test and evaluate this plan.

B. State and Federal Agencies

- 1. National Weather Service - Provides hurricane watches, warnings, and related weather information
- 2. Commanding Officer, U.S. Marine Corps Air Station, Cherry Point, N.C.
 - a. Maintains liaison and coordinates actions with County EOC
- 3. State Highway Patrol
 - a. Operates State Warning Point and passes weather information via Police Information Network (PIN)
 - b. Responsible for traffic control on State Highway System
- 4. State Division of Emergency Management
 - a. Receives requests for assistance, coordinates States actions, and arranges for assistance from Federal Agencies.
 - b. Area "C" Emergency Management Coordinator
 - (1) Assists in coordination of evacuation efforts
 - (2) Assists in coordination of State Resources

XI. COMMUNICATIONS

- A. Communications will be in accordance with Annex B, NCDR&AP and appropriate local plans.
- B. The Sheriff will insure communications between the Highway Patrol and his Deputies at the traffic control points.

XII PUBLIC INFORMATION

- A. Information will be disseminated from the EOC by the Public Information Officer or the Director to the public via the news media and otherwise based upon decisions of the Control Group to include the following:
 - 1. Precautionary/preparatory measures recommended for the public.
 - 2. Evacuation instructions and which shelters will be open and when.
 - 3. Re-entry instructions
 - 4. Damage information

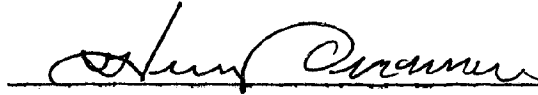
B.. Warnings to the public are disseminated by the news media (Radio, T.V., and Newspapers) from the National Weather Service. Bulletins, advisories, and statements are received directly and as provided through the warning system.

XIII. EXERCISES

An exercise will conducted annually to test and evaluate this plan.

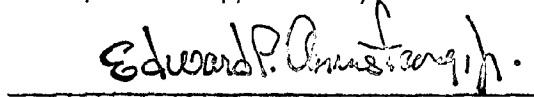
XIV. APPROVAL

Submitted By:



Henry P. Sermons, Director
Craven County Emergency Services Agency

This plan is approved by the undersigned:



, Chairman
Craven County Board of Commissioners

LINE OF SUCCESSION

	PRIMARY MEMEBER	FIRST ALTERNATE	SECOND ALTERNATE	THIRD ALTERNATE
CRAVEN COUNTY	Phone	Phone	Phone	Phone
CITY OF NEW BERN	Phone	Phone	Phone	Phone
CITY OF HAVELOCK	Phone	Phone	Phone	Phone
TOWN OF TRENTWOODS	Phone	Phone	Phone	Phone
TOWN OF RIVERBEND	Phone	Phone	Phone	Phone
TOWN OF BRIDGETON	Phone	Phone	Phone	Phone
TOWN OF VANCEBORO	Phone	Phone	Phone	Phone
TOWN OF DOVER	Phone	Phone	Phone	Phone
TOWN OF COVE CITY	Phone	Phone	Phone	Phone

CRAVEN COUNTY

EMERGENCY SHELTERS

<u>SCHOOL</u>	<u>PRINCIPAL</u>	<u>FIRST ALTERNATE</u>
BANGERT ELEMENTARY SCHOOL 637-5613	Thomas H. Ragland 637-4335	Ben Goddette 638-2431
BRIDGETON ELEMENTARY SCHOOL 638-5844	Rachel Woodard 637-4739	Norma Harvey 637-5693
BRINSON MEMORIAL SCHOOL 637-2329	Bradford Sneedden 633-2506	James Shine 637-6612
F. R. DANYUS SCHOOL 637-2778	R. P. Wilson 633-2839	Collen Snell 244-2569
FARMLIFE ELEMENTARY SCHOOL 244-0230	R. W. Bowers 244-0253	Faye Smith 244-1077
FORT BARNWELL ELEMENTARY SCHOOL 523-9482	Nan Varley 638-5636	Kitty Jones 527-4217
GRAHAM A BARDEN ELEMENTARY SCHOOL 447-2929	Allen Smith 638-4922	Pat Fleming 447-8567
H. J. McDONALD JUNIOR HIGH SCHOOL 638-4119	Joel Eubanks 633-0190	Glen Howarth 633-3570
HAVELOCK ELEMENTARY SCHOOL 447-2169	Roland Pridgen 637-9743	Pat Williams 633-2539
HAVELOCK HIGH SCHOOL 447-8117	O. K. Gainey 447-2015	Greg Williams 447-3539

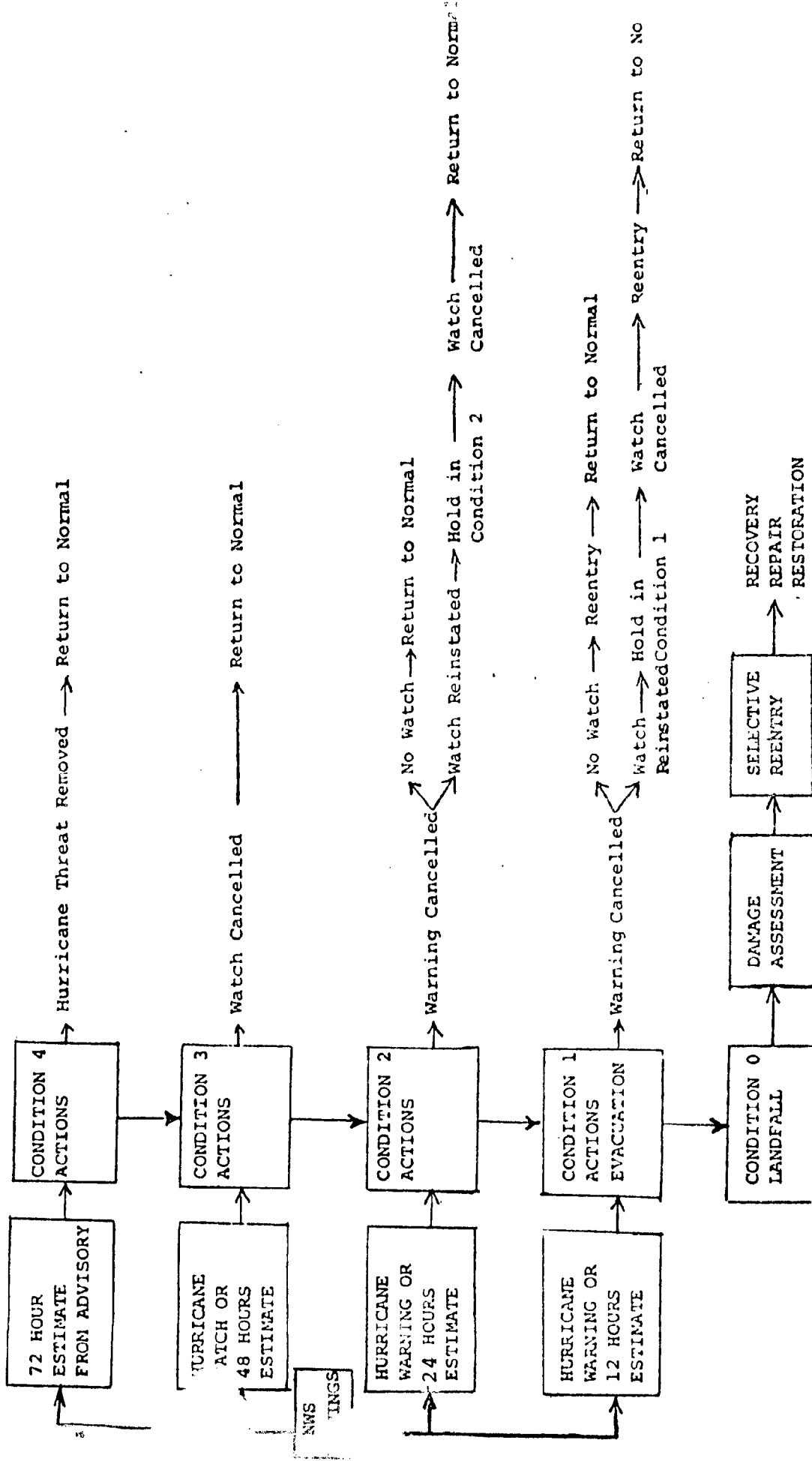
CRAVEN COUNTY

EMERGENCY SHELTERS

<u>SCHOOL</u>	<u>PRINCIPAL</u>	<u>FIRST ALTERNATE</u>
HAVELOCK MIDDLE SCHOOL 447-1131	Alvin West 447-5444	Ruth Wippich 447-5357
J. T. BARBER SCHOOL 637-2422	Terrence Hicks 638-5768	Owen Fisher 633-5346
JASPER ELEMENTARY SCHOOL 637-9492	Beatrice Smith 637-5701	Lewis Butler 637-9606
NEW BERN HIGH SCHOOL 638-4991	Tommy Phelps 637-4026	Ronnie Dillahunt 633-2009
OAKS ROAD ELEMENTARY SCHOOL 633-2688	Susan Hill 637-3016	Collen Snell 244-2569
TRENT PARK SCHOOL 637-2308	D. Calvin Stokes 638-1233	Robert Horne 638-4813
WEST CRAVEN HIGH SCHOOL 244-1484	Robert Jolly 743-0331	Willie Perry 637-3349
WEST CRAVEN MIDDLE SCHOOL 637-6173	William Rivenbark 633-0618	Herbert Gray 522-3234
WEST HAVELOCK ELEMENTARY SCHOOL 447-8145	Jerry Strickland 638-6550	Richard Badger 637-2870

CONDITIONS/ACTIONS

FLOW CHART



INCREASED READINESS ACTION CHECKLIST

	SHERIFF	DIRECTOR OF SOCIAL SERVICES	SUPERINTENDENT OF SCHOOLS
INCREASED READINESS ACTION	Responsibilities: Direction and control of evacuation and reentry operations. Serves as liaison officer for all law enforcement agencies	Responsibilities: Provides personnel to assist in operation of shelters and registration of evacuees.	Responsibilities: Provide facilities to be used as shelters. Provide school bus transportation when requested.
CONDITION 5 BEGINNING OF HURRICANE SEASON			
CONDITION 4 72 HOURS ALERT	Review plans and procedures		
CONDITION 3 48 HOURS OR HURRICANE WATCH	Gas up all vehicles. Check all equipment.		
CONDITION 2 24 HOURS OR HURRICANE WARNING	Mobilize Law Enforcement personnel. Assist motorists presently evacuating	Assign personnel to shelters.	Close schools, send pupils home. Conduct joint inspection of designated shelters with Red Cross representative.
CONDITION 1 12 HOURS OR LESS EVACUATION	Vehicles with loudspeakers to areas in which evacuation ordered. Patrol evacuated area.	Provide personnel to assist with shelter registration.	
CONDITION 0 "LANDFALL"	Maintain law and order		
REENTRY	Prevent looting. Control access to evacuated areas. Check personnel and equipment.	Continue to assist Red Cross as needed.	Provide personnel to assist in the operation of shelters.

	DIRECTOR OF HEALTH DEPT.	COUNTY FINANCE OFFICE	COUNTY TAX SUPERVISOR
INCREASED READINESS ACTION	Responsibilities: Insure that health and medical needs are provided during evacuation, shelter and reentry.	Responsibilities: Maintain financial data. Adapt accounting system to provide emergency expenditure information upon request.	Responsibilities: Responsible for the conduct of Damage Assessments.
CONDITION 5 BEGINNING OF HURRICANE SEASON			
CONDITION 4 72 HOURS ALERT			
CONDITION 3 48 HOURS OR HURRICANE WATCH			
CONDITION 2 24 HOURS OR HURRICANE WARNING	Mobilize personnel. Insure adequate health personnel in shelters & report pertinent health information to officials.	Record all expenditures relating to hurricane in separate accounts.	
CONDITION 1 12 HOURS OR LESS EVACUATION			
CONDITION 0 "LAND FALL"			
REENTRY	Evaluate & provide to the EOC a recommendation on the health aspects of reentry into damaged areas.	Assemble personnel. Provide financial data on emergency expenditures to EOC.	Conduct damage assessment. Furnish damage assessment data to EOC.

	PRESIDENT COUNTY FIRE- MENS ASSOCIATION	PRESIDENT COUNTY RESCUE SQUAD ASSOCIATION	AMERICAN NATIONAL RED CROSS (LOCAL CHAPTER)
INCREASED READINESS ACTION	Responsibilities: Coordinate fire fighting support throughout the county. Assist sheriff upon request.	Responsibilities: Coordinate provisions of rescue support operation. Provide ambulance service to transport non-ambula- tory persons.	Responsibilities: Operate designated Red Cross shelters. Provide other Red Cross assistance.
CONDITION 5 BEGINNING OF HURRICANE WATCH			
CONDITION 4 72 HOURS ALERT			
CONDITION 3 48 HOURS OR HURRICANE WATCH	Gas up all vehicles. Check all equipment.	Gas up all vehicles. Check all equipment.	Designate and assign personnel to specific shelters.
CONDITION 2 24 HOURS OR HURRICANE WARNING	Mobilize personnel. Render assistance as requested.	Mobilize personnel. Move non-ambulatory and provide other assistance as re- quested.	Mobilize personnel. Brief shelter managers. Upon EOC direction, open and operate shelters.
CONDITION 1 12 HOURS OR LESS EVACUATION			
CONDITION 0 "LANDFALL"			
REENTRY			Operate shelters as long as necessary. Render assistance to needy persons.

HURRICANE TRACKING CHART

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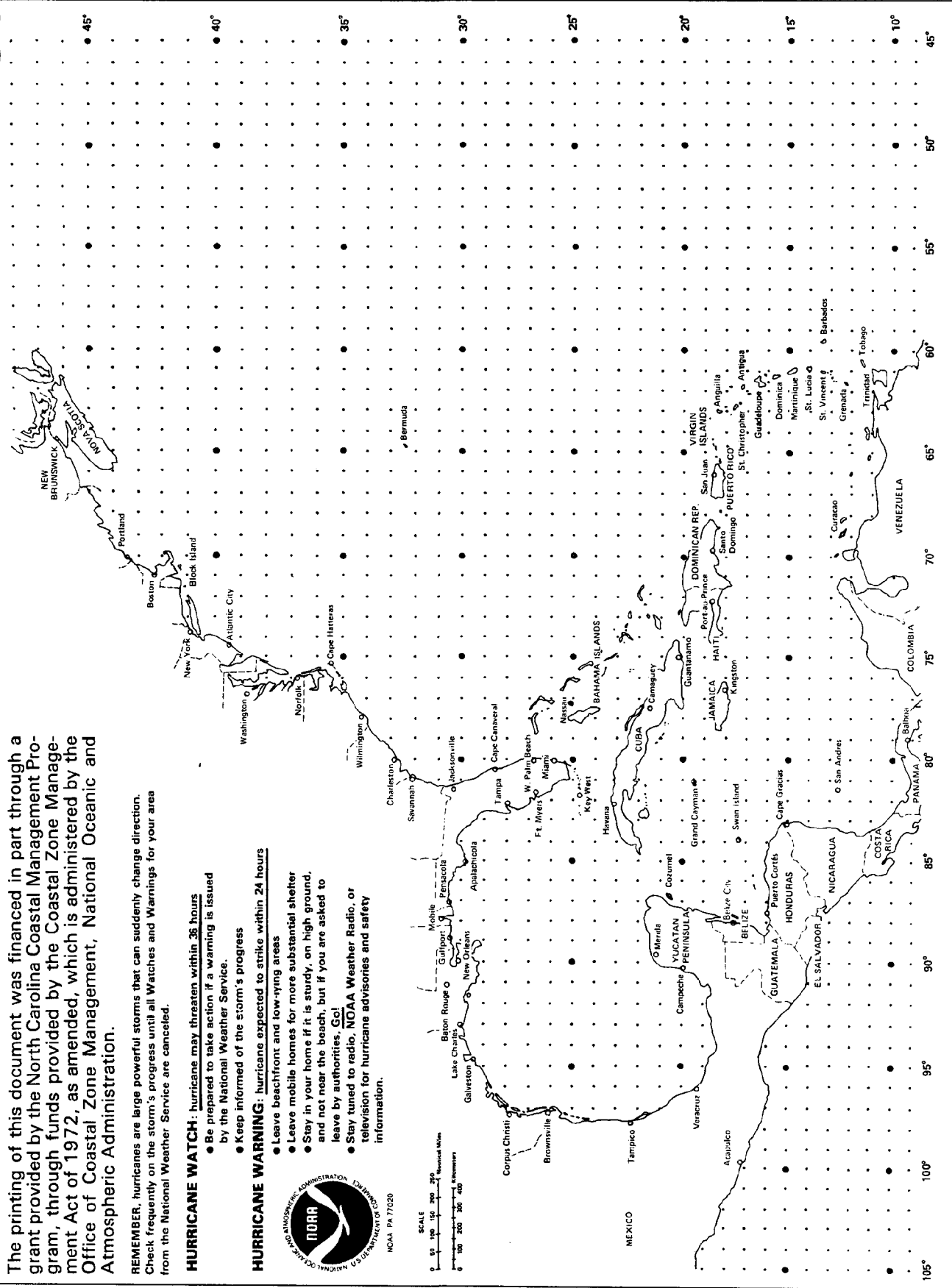
REMEMBER, hurricanes are large powerful storms that can suddenly change direction. Check frequently on the storm's progress until all Watches and Warnings for your area from the National Weather Service are canceled.

HURRICANE WATCH: hurricane may threaten within 36 hours

- Be prepared to take action if a warning is issued by the National Weather Service.
- Keep informed of the storm's progress

HURRICANE WARNING: hurricane expected to strike within 24 hours

- Leave beachfront and low-lying areas
- Leave mobile homes for more substantial shelter
- Stay in your home if it is sturdy, on high ground, and not near the beach, but if you are asked to leave by authorities, Go!
- Stay tuned to radio, NOAA Weather Radio, or television for hurricane advisories and safety information.



SUPPLEMENT TO

Craven County Hurricane Evacuation Plan

Developed by the Craven County Emergency Services Agency in Conjunction with the
North Carolina Division of Emergency Management

Hurricane Safety Rules

Hurricane advisories will help you save your life... but you must help.
Follow these safety rules during hurricane emergencies:

1. Enter each hurricane season prepared. Every June through November, reread your supply of boards, tools, batteries, nonperishable foods, and the other equipment you will need when a hurricane strikes your town.
2. When you hear the first tropical storm or hurricane advisory, listen for future messages; this will prepare you for a hurricane emergency well in advance of the issuance of watches and warnings.
3. When your area is covered by a hurricane watch, continue normal activities, but stay tuned to radio or television for all National Weather Service advisories. Remember, a hurricane watch means possible danger within 24 hours; if the danger materializes, a hurricane warning will be issued. Meanwhile, keep alert. Ignore rumors.
4. When your area receives a hurricane warning:

Plan your time before the storm arrives and avoid the last-minute hurry which might leave you marooned, or unprepared.

Keep calm until the emergency has ended.

Leave low-lying areas that may be swept by high tides or storm waves well in advance of the hurricane.

If you plan to evacuate, evacuate early.

Leave mobile homes for more substantial shelter. They are particularly vulnerable to overturning during strong winds. Damage can be minimized by securing mobile homes with heavy cables anchored in concrete footing. However, even if tied down your mobile home does not provide safe shelter during a hurricane.

Moor your boat securely before the storm arrives, or evacuate it to a designated safe area. When your boat is moored, leave it, and don't return once the wind and waves are up.

Board up windows or protect them with storm shutters or tape. Danger to small windows is mainly from wind-driven debris. Large windows may be broken by wind pressure.

Secure outdoor objects that might be blown away or uprooted. Garbage cans, garden tools, toys, signs, porch furniture, and a number of other harmless items become missiles of destruction in hurricane winds. Anchor them or store them inside before the storm strikes.

Store drinking water in clean bathtubs, jugs, bottles, and cooking utensils; your town's water supply may be contaminated by flooding or damaged by hurricane floods.

Check your battery-powered equipment. Your radio may be your only link with the world during the hurricane, and emergency cooking facilities, lights, and flashlights will be essential if utilities are interrupted.

Keep your car fueled. Service stations may be inoperable for several days after the storm strikes, due to flooding or interrupted electrical power.

Stay at home, if it is sturdy and on high ground; if it is not, move to a designated shelter, and stay there until the storm is over.

Remain indoors during the hurricane. Travel is extremely dangerous when winds and tides are whipping through your area.

Monitor the storm's position through National Weather Service advisories.

Beware the Eye of the Hurricane

If the calm storm center passes directly overhead, there will be a lull in the wind lasting from a few minutes to half an hour or more. Stay in a safe place unless emergency repairs are absolutely necessary. But remember, at the other side of the eye, the winds rise rapidly to hurricane force, and come from the opposite direction.

5. When the hurricane has passed:

Seek necessary medical care at Red Cross disaster stations or hospitals.

Stay out of disaster areas, unless you are qualified to help; your presence might hamper first-aid and rescue work.

Drive carefully along debris-filled streets. Roads may be undermined and may collapse under the weight of new piles along cuts are also a hazard.

Avoid loose or dangling wires, and report them immediately to your power company or the nearest law enforcement officer.

Report broken sewer or water mains to the water department.

Prevent fires. Lowered water pressure may make fire-fighting difficult.

Check refrigerated food for spoilage if power has been off during the storm.

Remember that hurricanes moving inland can cause severe flooding. Stay away from river banks and streams and know their elevation.

Tornadoes spawned by hurricanes are among the storm's worst killers. When a hurricane approaches, listen for tornado watches and warnings. A tornado watch means tornadoes are expected to develop. A tornado warning means a tornado has actually been sighted. When your area receives a tornado warning, seek inside shelter immediately, preferably below ground level. If a tornado catches you outside, move away from its path at a right angle. If there is no time to escape, lie flat in the nearest depression, such as a ditch or ravine.



Safe Boating Precautions

1. Heed and have respect for National Weather Service warnings. Begin safe anchorage well before storm tide arrives.
2. Trailer boats should be removed from the water and stored.
3. Out-of-area boats should inquire and plan a desirable and convenient location for safe anchorage or follow local boats to a safe anchorage area.
4. Safe anchor rigging should consist of new or good line ropes, with extra length and at least 3 or 4 substantial anchors for the craft.
5. If possible, boats should anchor in groups with bow lines individually tied high to tree or piling on mainland, with loose rope for rising tide, and the sterns well anchored to hooks. Boats in the group should also be tied together at bows and sterns using protective bumpers or fenders between. Outside bows of the group should be braked off from stern to protect entire anchored group from angling or extreme movement due to wind and current (smaller boats in center of this type anchorage have been known to fill with water, but could not sink due to the cradle effect between other boats).
6. Do not tie up parallel to bank, receding tides often beach or capsize boats in this type anchorage.
7. Be sure that a navigable passage at stern of secured boats is made available for late arriving boats seeking safe anchorage beyond the first boat anchored.
8. Safe anchorage boats should be tied high, using a reef hitch knot (loop knots slip). Rope lengths should be sufficient to take care of excessive high water.

Edward P. Armstrong, Jr., Chairman
Robert R. French, Vice-Chairman

County of Craven
Board of Commissioners



April 19, 1983

Robert Curry
Lester L. Padgett, Jr.
Robert F. Webb

TO ALL RESIDENTS OF CRAVEN COUNTY

In case of a hurricane approaching Craven County, you and your family will need to know what to do and where to go to survive the high winds and water.

The advice contained in this supplement is part of the official Hurricane Evacuation Plan for Craven County. This plan has been prepared at the request of, and approved by the Craven County Board of Commissioners, and the Mayors of each municipality in the county. Participating in the preparation of this plan were the Craven County Emergency Services, the North Carolina Department of Crime Control and Public Safety (Division of Emergency Management), and the Office of Coastal Zone Management, National Oceanic and Atmospheric Administration.

This supplement will give all residents of Craven County their best chance of survival should a hurricane strike. We urge all citizens to carefully study the contents of this supplement and keep it in a safe place where it can be found readily.

Additional information can be secured from the Craven County Office of Emergency Services, 405 George Street, New Bern, North Carolina.

Edward P. Armstrong, Jr.
Chairman, Craven County
Board of Commissioners

405 Middle Street

Post Office Box 1425

New Bern, NC 28560

(919) 638-1424

Hurricane Facts



The average life of a hurricane is 9 days. The average number of hurricanes developing in a year is four and the greatest number has been 11.

Winds of 190 MPH have been observed in hurricanes (Camille in 1969).

Storm tides are the hurricane's worst killer, not the wind. Consider: a block of water two miles long, 12 feet deep and one mile wide is a battering ram weighing more than 20 million tons.

Wave heights are not part of the value given as storm tide or storm surge.

6000 people lost their lives when a hurricane hit the Texas Coast in 1900. During the worst storm on record, Camille in 1969, only 255 lives were lost. However, more than 100,000 evacuated to higher ground. It has been officially estimated that evacuating saved 50,000 lives.

Tornadoes are a part of the hurricane's bag of hazards.

Breakers coming ashore in a hurricane travel at about one-half the speed of winds to the storm. Relating this to pressure created by the breakers we have approximately 10,000 pounds per square foot.

Hurricane damage is greatest in the northeast quadrant of the storm.

A storm surge of up to 18 feet can be expected on our beaches.

Warning areas are large for the following reasons: The sea-surge error when forecasting landfall 24 hours in advance is 96 miles either side. For a 12-hour landfall prediction the average error is 48 miles. Warning areas usually cover about 200 miles of the coast.

What should you do now in preparation for the hurricane season?

1. Know the elevation of your property above mean sea level.
2. Have a safe evacuation route planned.
3. Learn the storm surge history for your area.

What should you expect following a direct hit from a hurricane?

1. Polluted water, crippled communications, no electricity, sewers backed up and overflowing, structures undermined, severe erosion to shorelines.
2. Personal problems.

HURRICANE WATCHES MEAN A HURRICANE MAY THREATEN AN AREA WITHIN 24 HOURS.

HURRICANE WARNINGS MEAN A HURRICANE IS EXPECTED TO STRIKE AN AREA WITHIN HOURS.



Craven County Emergency Hurricane Shelters

Emergency Hurricane Shelters

1. Bangert Elementary School
2. Bridgeton Elementary School
3. Brinson Memorial School
4. E. R. Danyus School
5. Farmilife Elementary School
6. Ft. Barnwell Elementary School
7. Graham A. Barden Elementary School
8. H. J. McDonald Jr. High School
9. Hovlock Elementary School
10. Hovlock High School
11. Hovlock Middle School
12. J.T. Barber School
13. Jasper Elementary School
14. New Bern High School
15. Oaks Road Elementary School
16. Trent Park School
17. West Craven High School
18. West Craven Middle School
19. West Hovlock Elementary School

The printing of this document was financed in part through a grant provided by the North Carolina Coastal Management Program, through funds provided by the Coastal Zone Management Act of 1972, as amended, which is administered by the Office of Coastal Zone Management, National Oceanic and Atmospheric Administration.

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